



Thermal ATEX Camera



SeSys's ATEX and IECEx compliant digital thermal sensor detects objects in complete darkness even in fog or smoke. Designed for accurate movement detection over large distances or temperature variation alerts using the Thermal Radiometry (TR) sensor.

Technical Specification - S15 Thermal	
ATEX IECEx Certificate	II2 G Exd op pr IIC T6 / II2 D Ex tb IIIC T85°C Db IP66/67
Models	Thermal-43 / Thermal-65 / Thermal-135
Lens Options	L43 (45°x32°) / L65 (25°x19°) / L135 (17°x13°) - prefitted, not interchangeable
Sensitivity	NETD typ. 50mK, <79mK Spectral range 7.5 to 13.5 µm Detection Temp range -40°C to +550°C
Sensor	Uncooled microbolometer 336 x 252 pixel
Max. Operating Resolution	3072 x 2048 pixels scalable and custom
Max. Frame Rate (MxPEG)	Max. 9 fps
Image Compression	MxPEG / M-JPEG / JPG / H.264 (SIP Video only)
Internal DVR	MicroSD slot (camera internal video recording up to 128 GB; 4 GB card pre-installed)
External Storage	Up to 4TB directly on PC/Server/NAS without additional recording software
Software (free issue)	Control room software MxControlCentre / MxManagement Centre / MOBOTIX App for iOS devices / Web Browser
Image Processing	Temperature / motion detection and MxActivitySensor
Virtual PTZ	Digital Pan/Tilt/Zoom, continuous 8x zoom / Full image recording in the background
Alarm/Events	Motion detection / Notification over email / FTP / IP-Telephony etc Temperature measurement capability, ask about TR sensors
Interfaces	Ethernet 10/100 / IPv4/IPv6 / MiniUSB / MxBus
Security	User-/Group Management / HTTPS/SSL / IP address filter / IEEE 802.1x / Intrusion detection / digital image signature
Power Supply	Power over Ethernet (PoE acc. IEEE 802.3af), Class 3 compliant; power consumption typ. 5 W thermal
Enclosure Construction	AISI316L Stainless Steel
Finish	Electro-polished
Earth Bolt	External 6mm stud
Dimension with sun shield	(W)179 x (H)161 x (D)385mm
Main body dimensions	(W)179 x (H)161 x (D)299mm, window ø 50mm, excludes cable gland
Window	10mm thick Germanium
Environmental protection	IP66 - Contact SeSys for IP67
Operating temperature	-30°C to +60°C
Weight	11kg
Cable entry	1 x M20x1.5

